

DEVAL L. PATRICK GOVERNOR TIMOTHY P. MURRAY LIEUTENANT GOVERNOR JUDYANN BIGBY, MD

SECRETARY

JOHN AUERBACH
COMMISSIONER

### The Commonwealth of Massachusetts

Executive Office of Health and Human Services
Department of Public Health
William A. Hinton State Laboratory Institute
305 South Street, Jamaica Plain, MA 02130

03/08/12

Russell Eonas Assistant District Attorney, Plymouth County

Mr. Eonas,

Enclosed is the information you requested. Included are copies of the following:

- 1. Drug Analysis Laboratory Receipts.
- 2. Control Cards with analytical results for sample #'s
- 3. Analysis sheets with chemist's hand notations and test results.
- 4. GC/MS analytical data for sample #'s

If you have any questions about these materials, please call me at the number below.

10-1-1

Kate Corbett Chemist II

Drug Analysis Lab

Jamaica Plain, MA. 02130

(617) 983-6632

#### PLEASE PRINT CLEARLY OR TYPICALL INFORMATION

# The Commonwealth of Massachusetts Executive Office of Health and Human Services

Department of Public Health

**Boston Drug Laboratory** Tel (617) 983-6622 Fax (617) 983-6625

State Laboratory Institute

**Amherst Drug Laboratory** Tel (413) 545-2601 Fax (413) 545-2608

**Boston Hours** 

8:00 - 11:00

2:00 - 4:00

DRUG RECEIPT

Amherst Hours

9:00 - 12:00 1:00 - 3:00

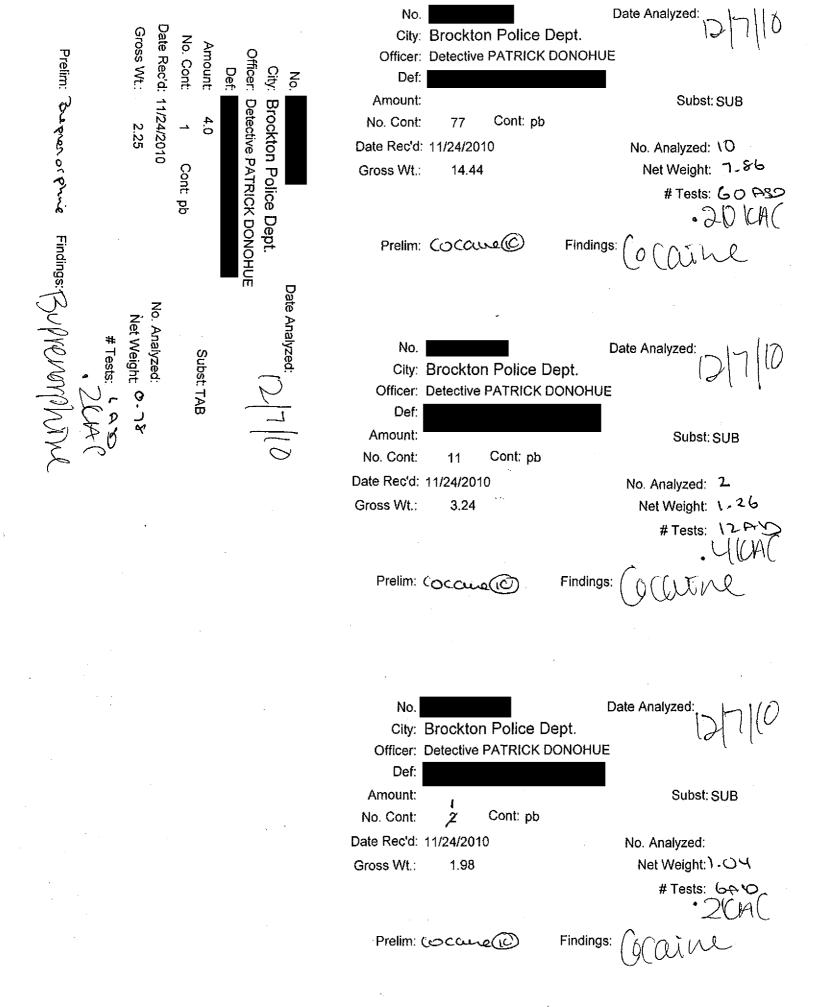
City or Department: Brockton Police Department	Police Reference No.:	
Name and Rank of Submitting Officer: DONOHUE, PATRICK S	380 DOC # R013427	

Defendant(s) Name (last, first, initial):

To be completed by Submitter	, <u></u>	To be completed by Lab Personnel		
Description of Items Submitted		Gross Weight	Lab Number	
1) PLASTIC BAGS UNK WHITE ROCK (QTY: 77) PLASTIC BAG UNK WHITE ROCK (S18046)	14.4	4 on	- side-end	
2) PLASTIC BAGS UNK WHITE ROCK (QTY: 11) PLASTIC BAG UNK WHITE ROCK (S18047)	3,24	OX -		
3) UNK WHITE ROCKS (LOOSE SUBST) (QTY: 2) PLASTIC BAG UNK WHITE ROCK (S18048)	1,98	Ph.		
4) ORANGE TABLETS (QTY: 2) TABLETS (S18049)	2.25 m			
	0			
		- 1, 10100		
<u> </u>				

Received By:

The Commonwealth of Massachusetts Executive Office of Health and Human Services Department of Public Health								
Boston Drug Laboratory Tel (617) 983-6622 Fax (617) 983-6625		Amherst Drug Laboratory Tel (413) 545-2601 Fax (413) 545-2608						
Boston Hours				Amherst Hours				
8:00 - 11:00 2:00 - 4:00	DRUG REC	CEIPT		9:00 - 12:00 1:00 - 3:00				
City or Department: Brockto	on Police Department	Poli	ce Reference No.:					
Name and Rank of Submitting	Officer: DONOHUE, PATRICK S	380	DOC # R013701					
To be completed by Submitter			To be comp	leted by Lab Personnel				
Description of Items Submit	ted		Gross Weig	ht Lab Number				
	K WHITE POWDER RES (QTY: 1 (S18307)	L)	Gross Weig	ht Lab Number				
1) FOLDING KNIFE W/UN	K WHITE POWDER RES (QTY: 1	l)	Gross Weig	Lab Number				
1) FOLDING KNIFE W/UN	K WHITE POWDER RES (QTY: 1	L)	Gross Weig	Lab Number				
1) FOLDING KNIFE W/UN	K WHITE POWDER RES (QTY: 1		Gross Weig	Lab Number				
1) FOLDING KNIFE W/UN UNK WHITE POWDER	K WHITE POWDER RES (QTY: 1		Gross Weig	Lab Number				
1) FOLDING KNIFE W/UN UNK WHITE POWDER	K WHITE POWDER RES (QTY: 1	-	Gross Weig	Lab Number				



No.

Date Analyzed: 5/a3///

City: Brockton Police Dept.

Officer: Detective PATRICK DONOHUE

Def:

Amount: No. Cont:

.3

4

Cont: knife

Date Rec'd: 03/22/2011

Gross Wt.:

98.55

No. Analyzed:

Net Weight:

#Tests: \$ AB

Subst: RES

المسالة وه و مدرخو (ال

Findings:

SAMPLE#	AGENCY_	Brocken	ANALYST	622
No. of samples tested:			Evidence Wt.	
PHYSICAL DESCRIPTION:			Gross Wt(つつ):	12-9041
off white du	eria, sucht	ne	Gross Wt ( \cap):	1.7074
<u>.</u>	529 CE 2	·	Pkg. Wt:	
	v			
			•	
		•		
PRELIMINARY TESTS Spot Tests		<u>M</u>	licrocrystalline Tes	<u>ts</u>
Cobalt Thiocyanate ( -) +			Gold ride	
			• .	<del></del>
Marquis	<u> </u>	. • 11	.TA <u>( )</u> -+	
Froehde's	<del>_</del>		OTHER TESTS	
O Mecke's				
		***************************************	W	· · · · · · · · · · · · · · · · · · ·
	•	• • • • • • • • • • • • • • • • • • •		
PRELIMINARY TEST RESULTS		GC/MS	CONFIRMATORY	TEST
			SCONFIRMATORY	
PRELIMINARY TEST RESULTS  RESULTS Coccuie  DATE 12-3-10		RESUL	тѕ	

#	Gross Weight	Packet Weight	Net Weight	#	Gross Welght	Packet Weight	Net Weight
1	0.1585		0.0914	26			
2	0 - 2025		0.1232	27			
3	0.2083		0.1035	28			
	0.1600		0.0922	29			
	0.12480		0.0813	30			
6	0.1494		0.0968	31			
7	0.1698		0.1063	32			<u> </u>
8	0.1650		0.1176	33			
9	0.18 39		0.1207	34			
10	0.1655		0.0882	35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17	1			42			
18				43			
19				44			
20				45			
21		·		46			
22	•			47		.*	
23				48			
24				49			
25				50			

SAMPLE#_	_ AGENCY Bricken	ANALYST	D20
No. of samples tested:	<del></del>	Evidence Wt.	
PHYSICAL DESCRIPTION:		Gross Wt ( 11):	1.6986
OFFunire	Chang substone		0.8011
PRELIMINARY TESTS Spot Tests  Cobalt Thiocyanate ( -) +  Marquis  Froehde's  Mecke's	G 2 Chlor — 2 TL	Icrocrystalline Tests  iold ide	5
PRELIMINARY TEST RESULTS  RESULTS COCCUD  DATE 12-3-10	RESULT MS OPERATO	R	
	DAT	E	

Sample #: # samples tested:

#	Gross Weight	Packet Weight	Net Weight	#	Gross Welght	Packet Welght	Net Welght
1	0.1463		0.1127	26			
2	0.1569		0.1170	27			
3				28			
4				29			
5				30		,	
6				31	X		
7				32			
8	,			33			
9		*		34			
10				35			
11				36			
12				37			
13				38			
14				39			
15				40			
16				41			
17				42			
18	·			43			
19		z		44			
20				45			
21				46			
22		*		47			
23				48			
24				49			
25				50			
	lations:						

SAMPLE #No. of samples tested:		Bucker	ANALYST	
PHYSICAL DESCRIPTION:	cheniu su		Gross Wt( ):	
	17 1 95		Pkg. Wt:	_
lo	086		Net Wt:	
		·		
PRELIMINARY TESTS Spot Tests		Mic	rocrystalline Tests	
Cobalt Thiocyanate <u>( ←)</u> ←	·	Go Chlorid	ld de <del></del>	
Marquis Froehde's Mecke's			A ( -) -+ OTHER TESTS	
PRELIMINARY TEST RESULT	<u>s</u>	GC/MS	CONFIRMATORY TES	<u>ST</u>
RESULTS <u>cocuri</u>		RESULT	s	
DATE 12-3-10		MS OPERATOR	₹	
		DAT	E	

SAMPLE#	AGENCY BOCICTON ANALYST AND
No. of samples tested:	
PHYSICAL DESCRIPTION:  2 Orange hexas	Gross Wt ( ):  Oncol table Gross Wt ( ):  Pkg. Wt:  Net Wt: 0.7854
PRELIMINARY TESTS Spot Tests  Cobalt Thiocyanate ( )  Marquis  Froehde's	Microcrystalline Tests  Gold Chloride  TLTA ( )  OTHER TESTS
PRELIMINARY TEST RESULTS  RESULTS Bugger or grand	GC/MS CONFIRMATORY TEST  RESULTS  MS
	OPERATORDATE

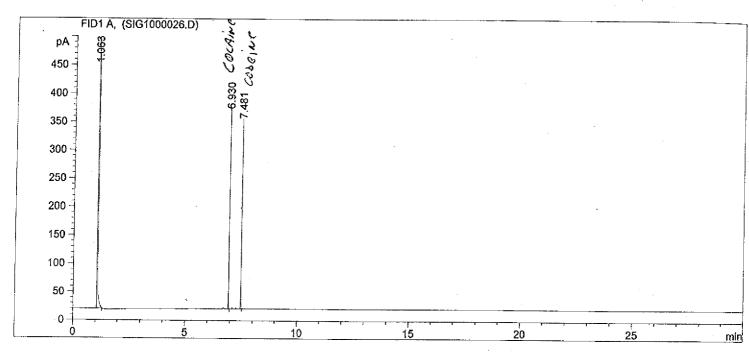
SAMPLE # AGEN	ICY Brocicton ANALYST	A37
No. of samples tested:	Evidence Wt.	
PHYSICAL DESCRIPTION:	Gross Wt( ):	
Residue in 11000	Ce Gross Wt ( ):	
	Pkg. Wt:	
SUGREQ.	Net Wt:	
RELIMINARY TESTS Spot Tests	<u>Microcrystalline Tests</u>	
Cobalt Thiocyanate <u>( —) +</u>	Gold Chloride <u>+</u>	
Marquis	TLTA ( -) +	
Froehde's	OTHER TESTS	
Mecke's	£C+	
		<del></del>
PRELIMINARY TEST RESULTS	GC/MS CONFIRMATORY TES	ST.
RESULTS COccure	RESULTS	<del></del>
DATE 5- 19-11	MS OPERATOR	
	DATE	

COKE/CODEINE STD

Foperator : ASD Seq. Line : 26 Instrument : DrugLab GC #2 Location : Vial 26

Ajection Date : 5/19/2011 8:26:12 PM Inj : 1 Inj Volume : 1  $\mu$ l

sequence File : C:\CHEM32\1\SEQUENCE\DEFAULT.S
Method : C:\CHEM32\1\METHODS\GENSCAN.M
Last changed : 3/9/2011 1:49:11 PM by ASD



#### Area Percent Report

Sorted By : Retention Time Multiplier: : 1.0000 Dilution: : 1.0000

Sample Amount: : 1.00000 [ng/ul] (not used in calc.)

Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

	RetTime [min]			Area [pA*s]	Height [pA]	Area %
1	1.063	1	BB S	6.12639e4	6.19102e4	99.13807
2	6.930	1	BB	271.20401	348.38132	0.43887
3	7.481	1	BB	261.43793	330.63330	0.42306

Totals: 6.17965e4 6.25892e4

\*\*\* End of Report \*\*\*

.cq. Operator ; ASD Acq. Instrument : DrugLab GC #2 Seq. Line: 30

Location : Vial 30

Injection Date : 5/19/2011 10:45:41 PM

Inj : Inj Volume : 1  $\mu$ l

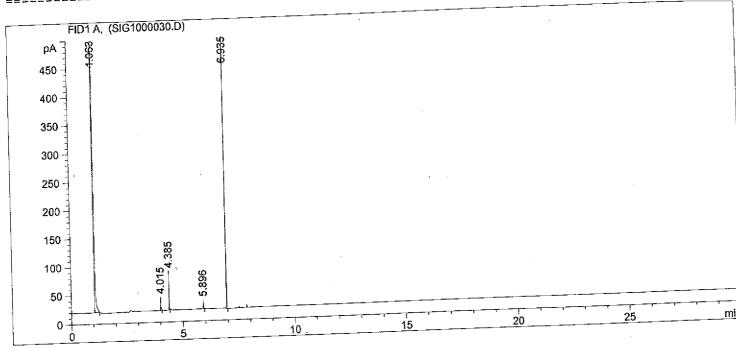
Sequence File

: C:\CHEM32\1\SEQUENCE\DEFAULT.S

Method

: C:\CHEM32\1\METHODS\GENSCAN.M

: 3/9/2011 1:49:11 PM by ASD



#### Area Percent Report

Sorted By

Retention Time

Multiplier:

1.0000 : 1.0000

Dilution:

1.00000 [ng/ul] (not used in calc.)

Sample Amount: Do not use Multiplier & Dilution Factor with ISTDs

Signal 1: FID1 A,

Peak #	RetTime [min]	Sig	Туре	Area [pA*s]	Height [pA]	Area %
1 2 3 4 5	1.063 4.015 4.385 5.896 6.935		BB S BB BB BB BB	6.09771e4 29:60704 60.11743 20.45161 752.70502	23.50351 68.24340 15.86093	98.60465 0.04788 0.09721 0.03307 1.21718

Totals :

6.18399e4 6.19846e4

\*\*\* End of Report \*\*\*

#### Area Percent / Library Search Report

XXXC 3/7/12

Information from Data File:

File Name : F:\Q4-2010\SYSTEM6\12 06 10\758804.D

Operator : ASD/KAC

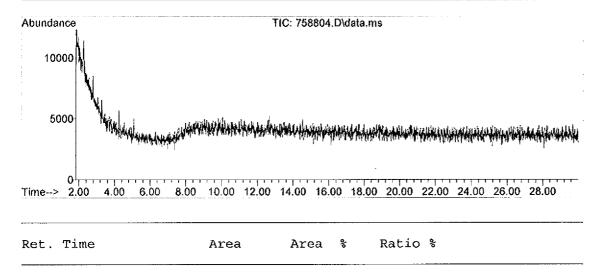
Date Acquired : 6 Dec 2010 9:30

Sample Name : BLANK

Submitted by

Vial Number : 1

AcquisitionMeth: WSCREEN.M Integrator : Chemstation



\*\*\*NO INTEGRATED PEAKS\*\*\*

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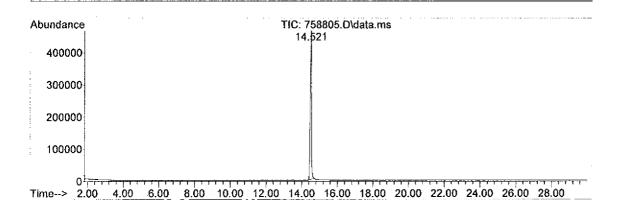
Operator : ASD/KAC

Date Acquired : 6 Dec 2010 10:04 Sample Name : BUPRENORPHINE STD

Submitted by

Vial Number : 5

AcquisitionMeth: WSCREEN.M Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
14.521	21597848	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12 06 10\758805.D

Operator : ASD/KAC

Date Acquired : 6 Dec 2010 10:04 Sample Name : BUPRENORPHINE STD

Submitted by :

Vial Number : 5

AcquisitionMeth: WSCREEN.M Integrator : Chemstation

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

BURPENORPHINE

C:\Database\NIST08.L Minimum Quality: 80

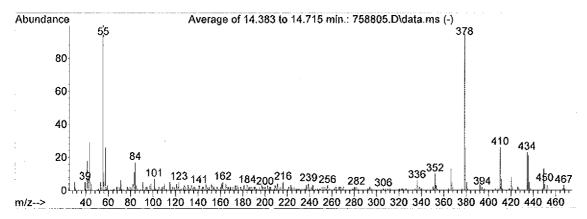
052485-79-7

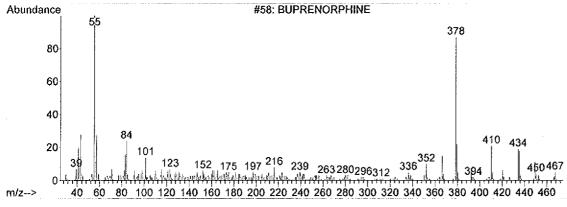
99

C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual

1 14.52 C:\Database\SLI.L
BUPRENORPHINE 052485-79-7 99





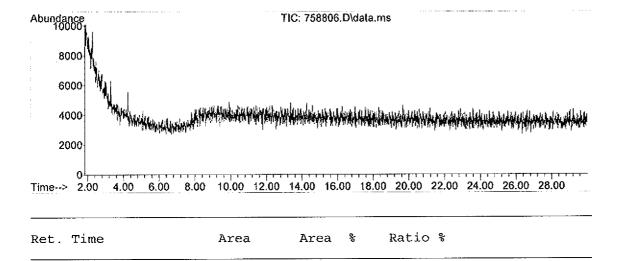
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Operator : ASD/KAC

Date Acquired : 6 Dec 2010 10:39

Sample Name : BLANK Submitted by : ASD Vial Number : 1

AcquisitionMeth: WSCREEN.M Integrator : Chemstation



\*\*\*NO INTEGRATED PEAKS\*\*\*

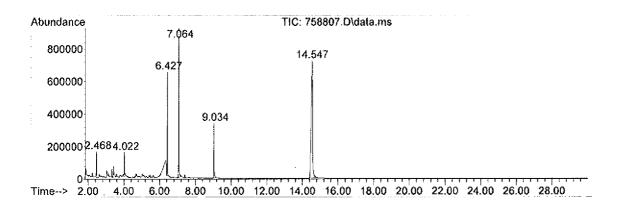
File Name : F:\Q4-2010\SYSTEM6\12 06 10\758807.D

Operator : ASD/KAC

Date Acquired : 6 Dec 2010 11:13

Sample Name : Submitted by : ASD Vial Number : 7

AcquisitionMeth: WSCREEN.M Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %	
2.468	2404023	3.58	5.86	
4.022	1962755	2.93	4.78	
6.427	6066133	9.04	14.78	
7.064	10312446	15.37	25.13	
9.034	5293340	7.89	12.90	
14.547	41035951	61.18	100.00	
11.51,	11033731	02120	200,00	

File Name : F:\Q4-2010\SYSTEM6\12 06 10\758807.D

Operator : ASD/KAC

Date Acquired : 6 Dec 2010 11:13

Sample Name : Submitted by : ASD Vial Number : 7

AcquisitionMeth: WSCREEN.M Integrator : Chemstation

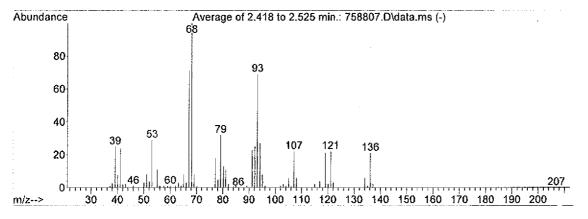
Search Libraries: C:\Database\SLI.L

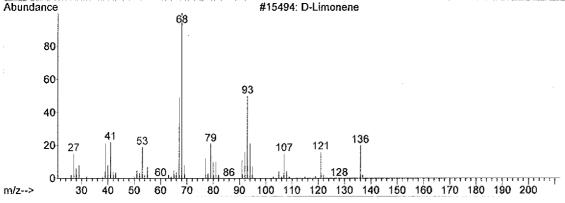
Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
1	2.47	C:\Database\NIST08.L D-Limonene D-Limonene D-Limonene	005989-27-5 005989-27-5 005989-27-5	96 94 94





File Name : F:\Q4-2010\SYSTEM6\12 06 10\758807.D

Operator : ASD/KAC

Date Acquired : 6 Dec 2010 11:13

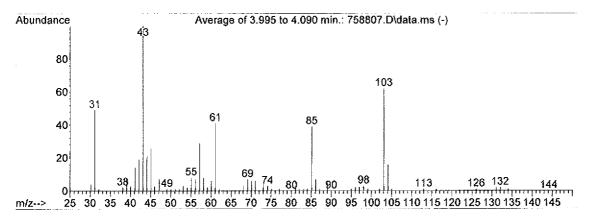
Sample Name : Submitted by : ASD Vial Number : 7

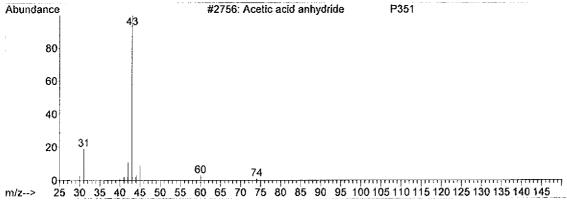
AcquisitionMeth: WSCREEN.M Integrator : Chemstation

Search Libraries: C:\Database\SLI.L

C:\Database\SLI.L Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	4.02	C:\Database\PMW_TOX2.L Acetic acid anhydride	000108-24-7	4
		Ethylacetate	@ 000141-78-6	1





: F:\Q4-2010\SYSTEM6\12 06 10\758807.D File Name

Operator : ASD/KAC

Date Acquired 6 Dec 2010 11:13

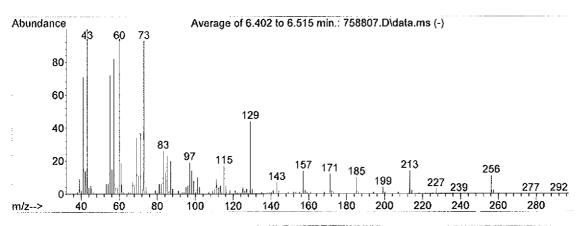
Sample Name Submitted by : ASD Vial Number 7

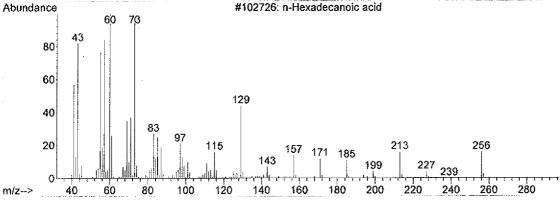
AcquisitionMeth: WSCREEN.M Integrator : Chemstation

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
3	6.43	C:\Database\NIST08.L n-Hexadecanoic acid n-Hexadecanoic acid Tridecanoic acid	000057-10-3 000057-10-3 000638-53-9	99 96 93





File Name : F:\Q4-2010\SYSTEM6\12 06 10\758807.D

Operator : ASD/KAC

Date Acquired : 6 Dec 2010 11:13

Sample Name : Submitted by : ASD Vial Number : 7

AcquisitionMeth: WSCREEN.M Integrator : Chemstation

Search Libraries: C:\Database\SLI.L

atabase\SLI.L Minimum Quality: 80 atabase\NIST08.L Minimum Quality: 80

000057-11-4

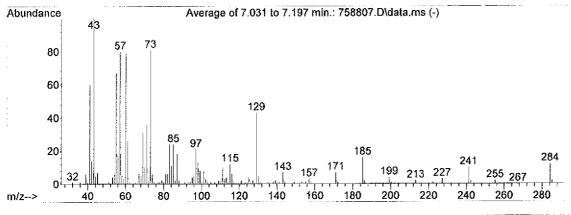
95

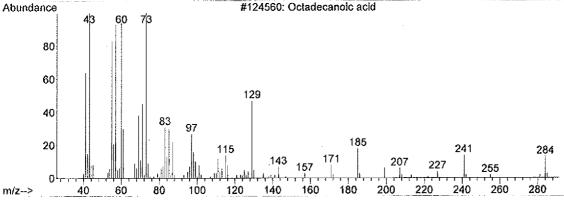
C:\Database\NIST08.L
C:\Database\PMW TOX2.L

Octadecanoic acid

PK# RT Library/ID CAS# Qual

4 7.06 C:\Database\NIST08.L
Octadecanoic acid 000057-11-4 99
Octadecanoic acid 000057-11-4 98





File Name : F:\Q4-2010\SYSTEM6\12 06 10\758807.D

Operator : ASD/KAC

Date Acquired : 6 Dec 2010 11:13

Sample Name : Submitted by : ASD Vial Number : 7

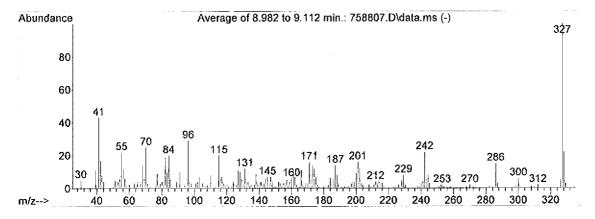
AcquisitionMeth: WSCREEN.M Integrator : Chemstation

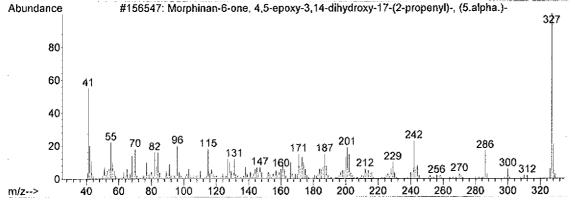
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

PK#	RT	Library/ID		CAS#	Qual
 5	9.03	C:\Database\NIST0	8.L		
		Morphinan-6-one,	4,5-epoxy-3,14-dih	000465-65-6	99
		Morphinan-6-one,	4,5-epoxy-3,14-dih	000465-65-6	98
		Morphinan-6-one,	4,5-epoxy-3,14-dih	000465-65-6	95





File Name : F:\Q4-2010\SYSTEM6\12 06 10\758807.D

Operator : ASD/KAC

Date Acquired 6 Dec 2010 11:13

Sample Name Submitted by ASD Vial Number 7

AcquisitionMeth: WSCREEN.M Integrator Chemstation

C:\Database\SLI.L Search Libraries:

BUPRENORPHINE

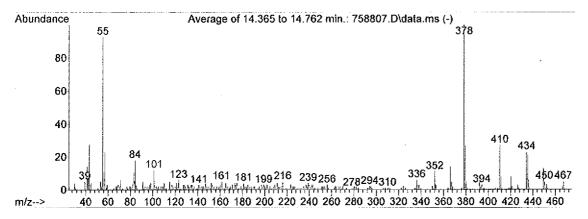
Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

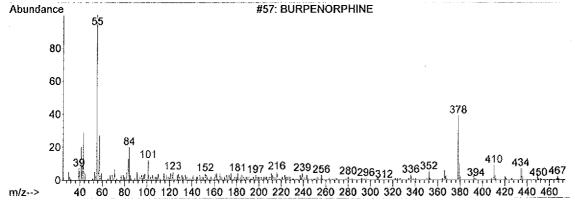
052485-79-7

98

C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual 6 14.55 C:\Database\SLI.L BURPENORPHINE 052485-79-7 99





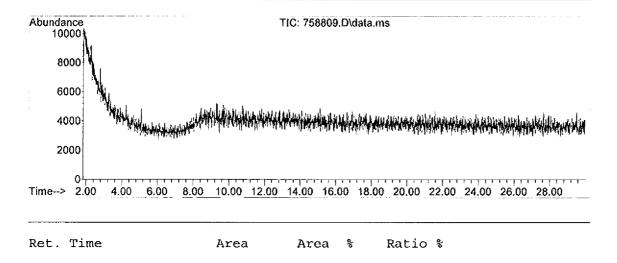
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Operator : ASD/KAC

Date Acquired : 6 Dec 2010 12:21

Sample Name : BLANK Submitted by : ASD Vial Number : 1

AcquisitionMeth: WSCREEN.M Integrator : Chemstation



\*\*\*NO INTEGRATED PEAKS\*\*\*

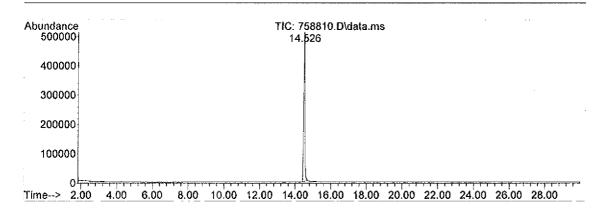
File Name : F:\Q4-2010\SYSTEM6\12 06 10\758810.D

Operator : ASD/KAC

Date Acquired : 6 Dec 2010 12:55 Sample Name : BUPRENORPHINE STD

Submitted by : ASD Vial Number : 5

AcquisitionMeth: WSCREEN.M Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
14.526	23410445	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12 06 10\758810.D

Operator : ASD/KAC

Date Acquired : 6 Dec 2010 12:55 Sample Name : BUPRENORPHINE STD

Submitted by : ASD Vial Number : 5

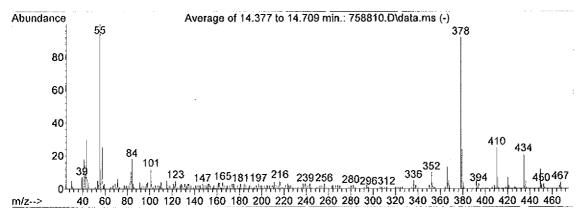
AcquisitionMeth: WSCREEN.M Integrator : Chemstation

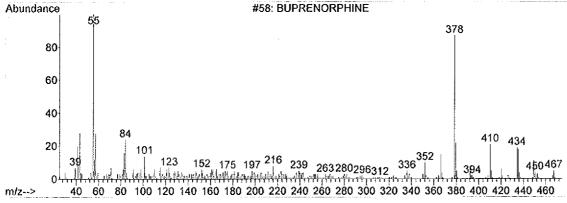
Search Libraries: C:\Database\SLI.L

tabase\SLI.L Minimum Quality: 80 tabase\NIST08.L Minimum Quality: 80

C:\Database\NIST08.L

	PK#	RT	Library/ID	CAS#	Qual
_	1	14.53	C:\Database\SLI.L		
			BUPRENORPHINE	052485-79-7	99
			BURPENORPHINE	052485-79-7	99





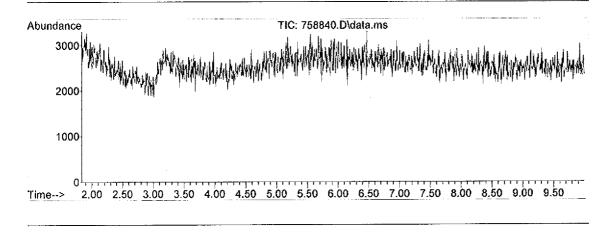
File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758840.D

Area

Operator : ASD/KAC

Date Acquired : 6 Dec 2010 22:41

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

Ret. Time

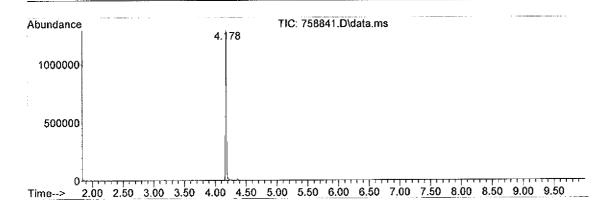
File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758841.D

Operator : ASD/KAC

Date Acquired : 6 Dec 2010 22:54

Sample Name : COCAINE STD

Submitted by : ASD
Vial Number : 41
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.178	13846970	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12 06 10\758841.D

Operator : ASD/KAC

Date Acquired 6 Dec 2010 22:54

Sample Name COCAINE STD

Submitted by ASD Vial Number 41 AcquisitionMeth: DRUGS.M Integrator : Chemstation

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

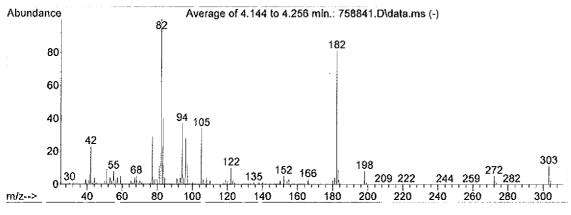
C:\Database\PMW TOX2.L

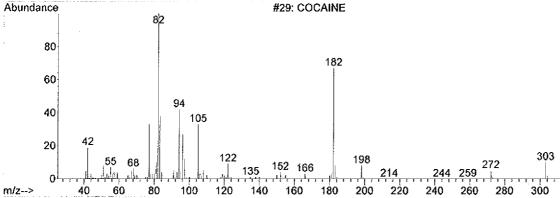
PK# RTLibrary/ID CAS# Qual

4.18 C:\Database\SLI.L 1

COCAINE

000050-36-2 99



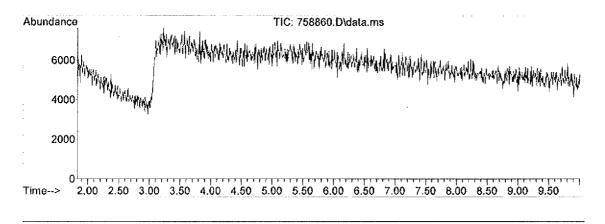


File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758860.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 3:05

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

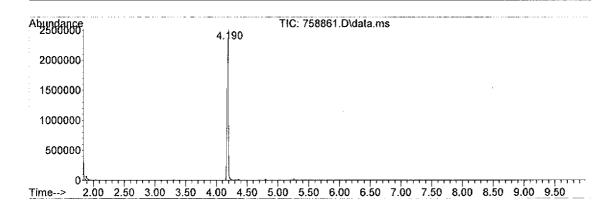
File Name :  $F:\Q4-2010\SYSTEM6\12\_06\_10\758861.D$ 

Operator : ASD/KAC

Date Acquired : \_ 7 Dec 2010 3:18

Sample Name :

Submitted by : ASD
Vial Number : 61
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.190	37250964	100.00	100.00

: F:\Q4-2010\SYSTEM6\12\_06\_10\758861.D File Name

Operator : ASD/KAC

Date Acquired 7 Dec 2010 3:18

Sample Name

Submitted by : ASD Vial Number 61 AcquisitionMeth: DRUGS.M Integrator : Chemstation

C:\Database\SLI.L Search Libraries:

Minimum Quality: 80 C:\Database\NIST08.L Minimum Quality: 80

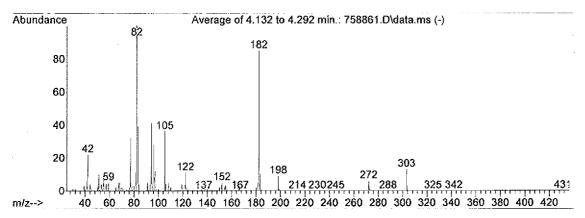
C:\Database\PMW TOX2.L

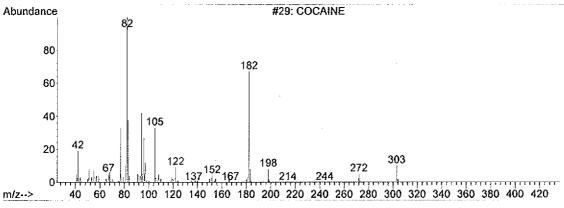
PK# CAS# RTLibrary/ID Qual

1 4,19 C:\Database\SLI.L

COCAINE

000050-36-2 99





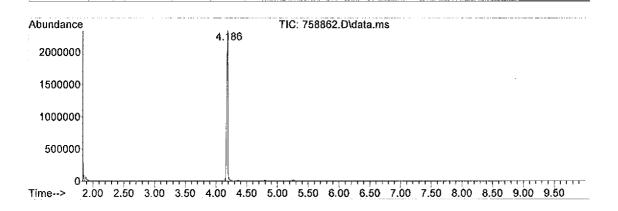
File Name :  $F:\Q4-2010\SYSTEM6\12_06_10\758862.D$ 

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 3:31

Sample Name

Submitted by : ASD
Vial Number : 62
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.186	30942940	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12 06 10\758862.D

: ASD/KAC Operator

Date Acquired 7 Dec 2010 3:31

Sample Name

PK#

: ASD 62

Submitted by Vial Number AcquisitionMeth: DRUGS.M : Chemstation Integrator

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW\_TOX2.L

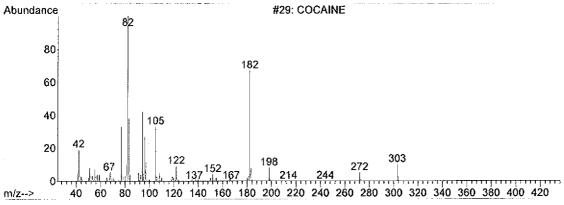
Library/ID RT CAS# Qual

C:\Database\SLI.L 1 4.19

COCAINE

000050-36-2 99

Average of 4.138 to 4,292 min.: 758862.D\data.ms (-) Abundance 82 182 80 60 40 105 20 303 198 40 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 m/z-->

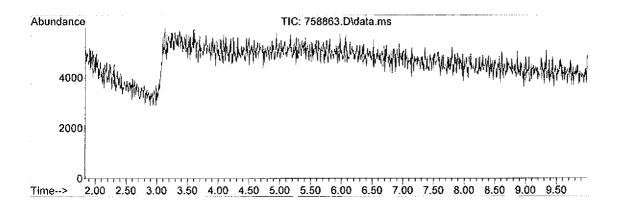


File Name : F:\Q4-2010\SYSTEM6\12 06 10\758863.D

Operator : ASD/KAC

Date Acquired: 7 Dec 2010 3:44

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

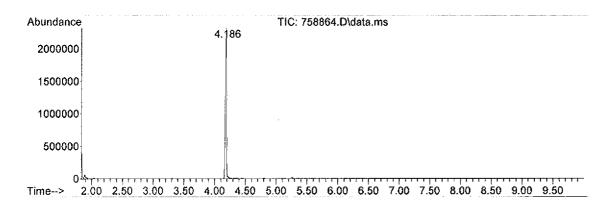
: F:\Q4-2010\SYSTEM6\12\_06\_10\758864.D File Name

Operator : ASD/KAC

7 Dec 2010 Date Acquired : 3:57

Sample Name

Submitted by : ASD Vial Number : 64 AcquisitionMeth: DRUGS.M Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.186	31783536	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12 06 10\758864.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 3:57

Sample Name :
Submitted by : ASD
Vial Number : 64
AcquisitionMeth: DRUGS.M
Integrator : Chemstation

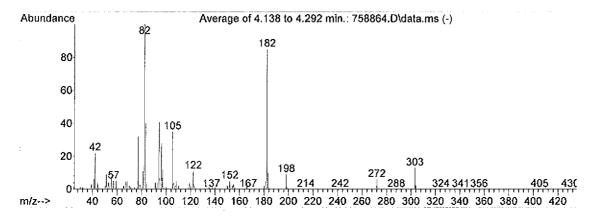
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

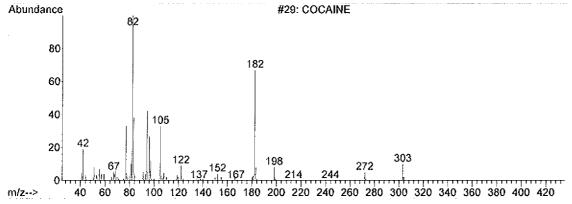
C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual

1 4.19 C:\Database\SLI.L COCAINE 000050-36-2 99



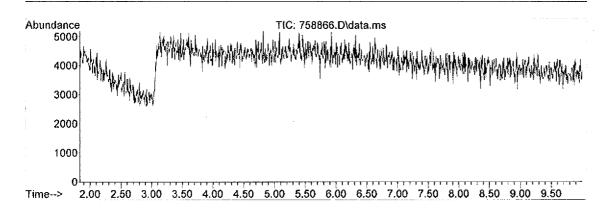


File Name : F:\Q4-2010\SYSTEM6\12 06 10\758866.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 4:24

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

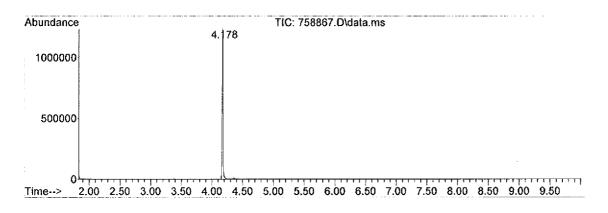
File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758867.D

Operator : ASD/KAC

Date Acquired: 7 Dec 2010 4:37

Sample Name : COCAINE STD

Submitted by : ASD
Vial Number : 41
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.178	12836595	100.00	100.00

: F:\Q4-2010\SYSTEM6\12 06 10\758867.D File Name

: ASD/KAC Operator

Date Acquired 7 Dec 2010 4:37

: COCAINE STD Sample Name

Submitted by : ASD Vial Number 41 AcquisitionMeth: DRUGS.M : Chemstation Integrator

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW TOX2.L

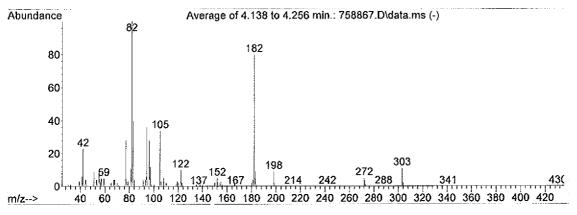
PK# Library/ID CAS# Qual

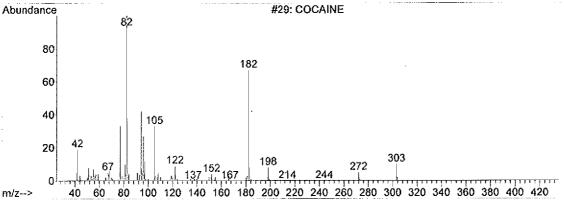
C:\Database\SLI.L 1 4,18

COCAINE

000050-36-2

99





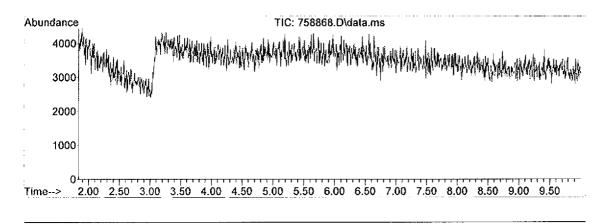
758867.D

File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758868.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 4:50

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

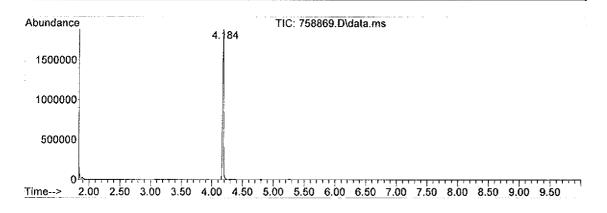
File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758869.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 5:03

Sample Name : ASD

Submitted by Vial Number : 69 AcquisitionMeth: DRUGS.M Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.184	23938496	100.00	100.00

File Name :  $F:\Q4-2010\SYSTEM6\12\ 06\ 10\758869.D$ 

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 5:03

Sample Name :

Submitted by : ASD
Vial Number : 69
AcquisitionMeth: DRUGS.M
Integrator : Chemstation

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

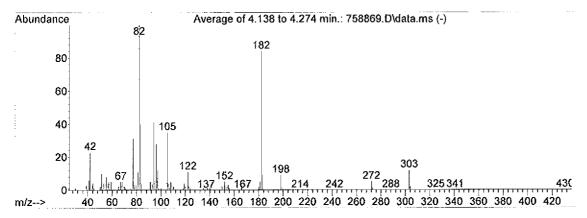
C:\Database\PMW\_TOX2.L

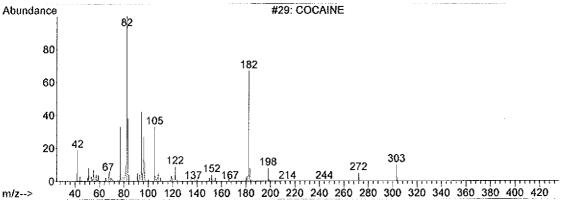
PK# RT Library/ID CAS# Qual

1 4.18 C:\Database\SLI.L

COCAINE

000050-36-2 99





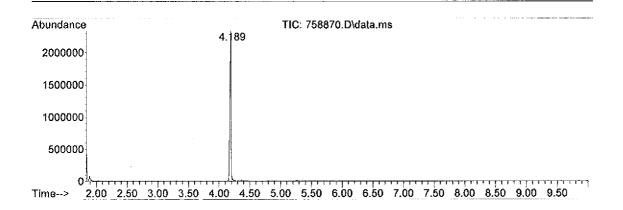
: F:\Q4-2010\SYSTEM6\12\_06\_10\758870.D File Name

: ASD/KAC Operator

Date Acquired : 7 Dec 2010 5:16

Sample Name

Submitted by : ASD Vial Number : 70 AcquisitionMeth: DRUGS.M : Chemstation Integrator



Ret. Time	Area	Area %	Ratio %
4.189	34753909	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758870.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 5:16

Sample Name :

Submitted by : ASD
Vial Number : 70
AcquisitionMeth: DRUGS.M
Integrator : Chemstation

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW TOX2.L

PK# RT Library/ID CAS# Qual

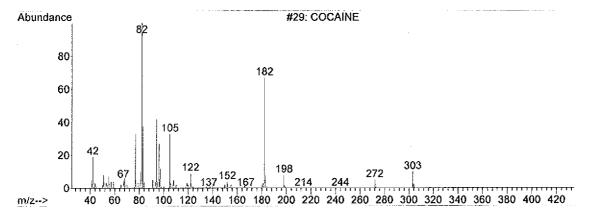
1 4.19 C:\Database\SLI.L

COCAINE

000050-36-2 99

Minimum Quality: 80

Abundance Average of 4.138 to 4.292 min.: 758870.D\data.ms (-) 82 182 80 60 40 105 20 303 198 214 230 245 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 m/z--> 40 60



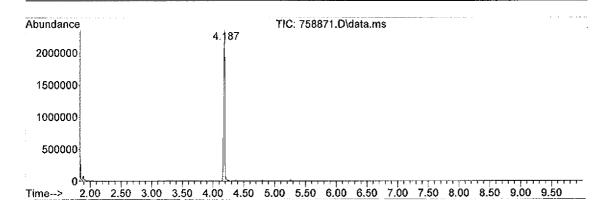
File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758871.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 5:30

Sample Name :

Submitted by : ASD
Vial Number : 71
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.187	32554318	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12 06 10\758871.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 5:30

: Chemstation

Sample Name : Submitted by : ASD Vial Number : 71 AcquisitionMeth: DRUGS.M

Integrator

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L Minimum Quality: 80

C:\Database\PMW\_TOX2.L

PK# RT Library/ID CAS# Qual

1 4.19 C:\Database\SLI.L COCAINE 000050-36-2

Abundance Average of 4.138 to 4.292 min.: 758871.D\data.ms (-)

82

182

182

40

40

42

198

272

198

272

214 230245

288

326 342357

415430

m/z-->

40

60

80

100

120

140

160

180

200

220

240

260

280

300

320

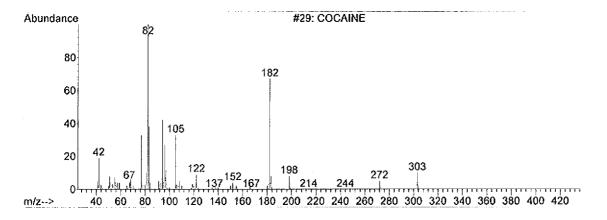
340

360

380

400

420



99

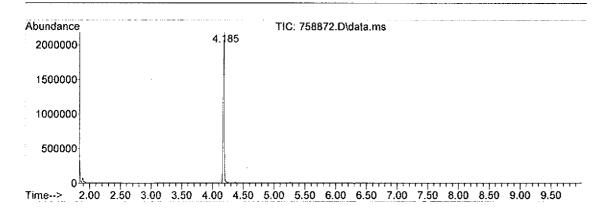
File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758872.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 5:43

Sample Name :

Submitted by : ASD
Vial Number : 72
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.185	28362480	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12 06 10\758872.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 5:43

Sample Name :

Submitted by : ASD
Vial Number : 72
AcquisitionMeth: DRUGS.M
Integrator : Chemstation

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

C:\Database\NIST08.L

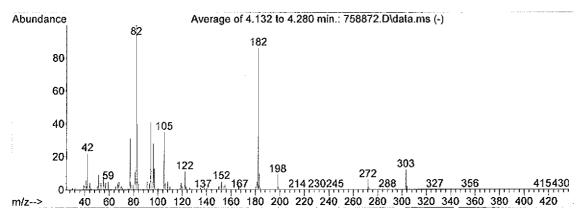
Minimum Quality: 80

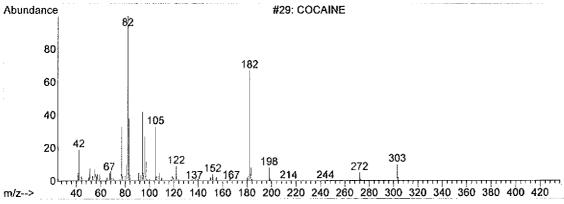
C:\Database\PMW\_TOX2.L

PK#	RT	Library/ID	CAS#	Qual

1 4.18 C:\Database\SLI.L COCAINE

000050-36-2 99





File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758873.D

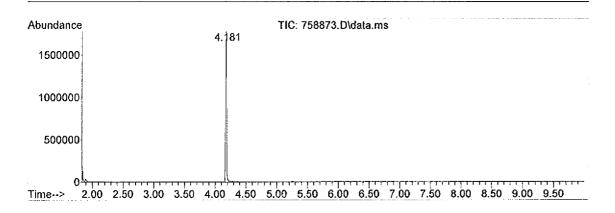
Operator : ASD/KAC

Date Acquired : 7 Dec 2010 5:56

Sample Name

Submitted by : ASD Vial Number : 73 AcquisitionMeth: DRUGS.M

Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.181	19622778	100.00	100.00

: F:\Q4-2010\SYSTEM6\12 06 10\758873.D File Name

Operator : ASD/KAC

Date Acquired 7 Dec 2010 5:56

Sample Name

Submitted by ASD Vial Number 73 AcquisitionMeth: DRUGS.M Integrator : Chemstation

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

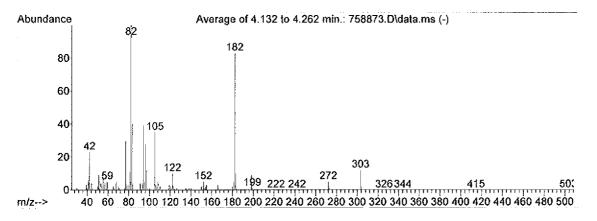
C:\Database\NIST08.L

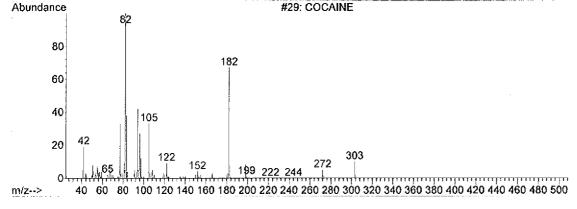
C:\Database\PMW\_TOX2.L

PK# Library/ID RTCAS# Qual

1 4.18 C:\Database\SLI.L

COCAINE 000050-36-2 99



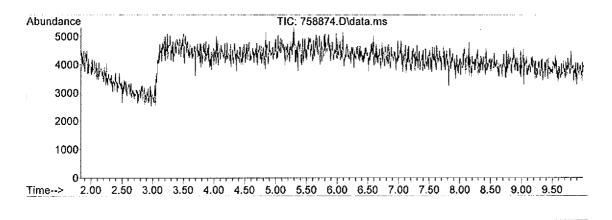


File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758874.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 6:09

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

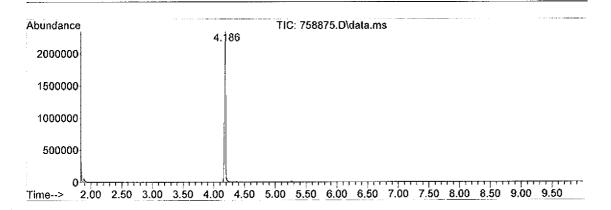
File Name : F:\Q4-2010\SYSTEM6\12 06 10\758875.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 6:22

Sample Name :

Submitted by : ASD
Vial Number : 75
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.186	31575066	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12 06 10\758875.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 6:22

Sample Name :
Submitted by : ASD
Vial Number : 75
AcquisitionMeth: DRUGS.M
Integrator : Chemstation

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW\_TOX2.L

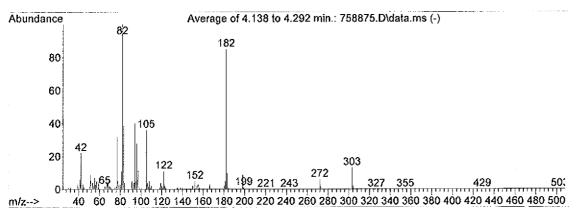
Minimum Quality: 80

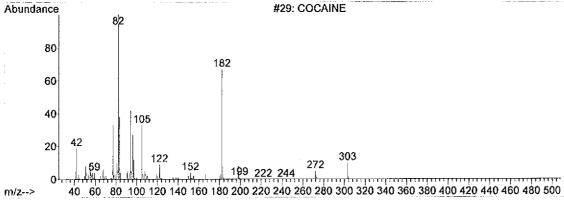
PK# RT Library/ID CAS# Qual

1 4.19 C:\Database\SLI.L COCAINE

000050-36-2

99





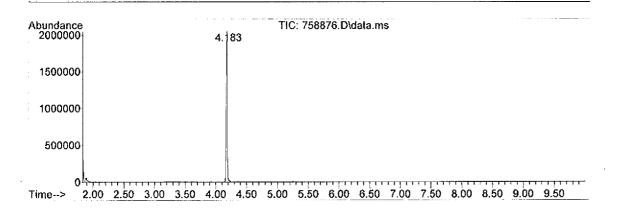
File Name : F:\Q4-2010\SYSTEM6\12 06 10\758876.D

: ASD/KAC Operator

Date Acquired : 7 Dec 2010 6:36

Sample Name : Submitted by

Vial Number 76 AcquisitionMeth: DRUGS.M Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.183	24684497	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758876.D

Operator : ASD/KAC

Date Acquired 7 Dec 2010 6:36

Sample Name

PK#

Submitted by ASD Vial Number 76 AcquisitionMeth: DRUGS.M Integrator : Chemstation

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

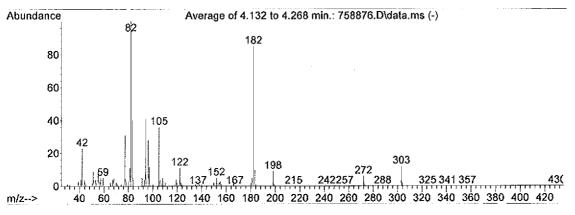
C:\Database\NIST08.L

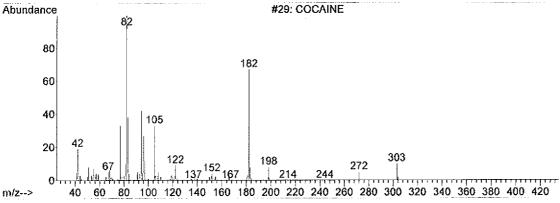
C:\Database\PMW TOX2.L

Library/ID CAS# Qual

C:\Database\SLI.L 1 4.18

COCAINE 000050-36-2 99





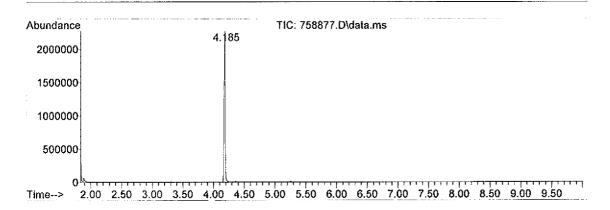
File Name : F:\Q4-2010\SYSTEM6\12 06 10\758877.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 6:49

Sample Name :

Submitted by : ASD
Vial Number : 77
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.185	29032100	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758877.D

Operator : ASD/KAC

Date Acquired 7 Dec 2010 6:49

Sample Name Submitted by Vial Number

Integrator

ASD 77 AcquisitionMeth: DRUGS.M : Chemstation

Search Libraries:

C:\Database\SLI.L Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

C:\Database\PMW TOX2.L

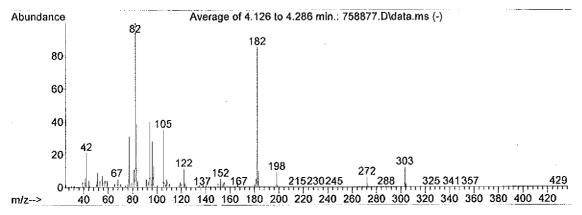
Qual

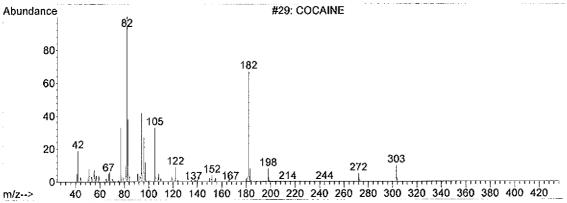
99

CAS#

PK# RTLibrary/ID

C:\Database\SLI.L 4.18 COCAINE 000050-36-2





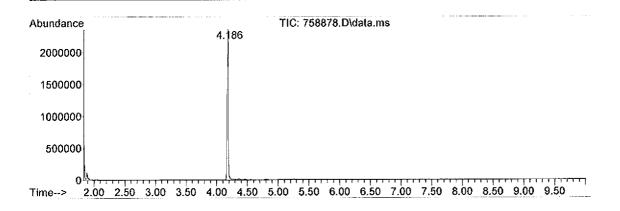
File Name : F:\Q4-2010\SYSTEM6\12 06 10\758878.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 7:02

Sample Name

Submitted by : ASD
Vial Number : 78
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.186	31614254	100.00	100.00

: F:\Q4-2010\SYSTEM6\12 06 10\758878.D File Name

Operator : ASD/KAC

Date Acquired 7 Dec 2010 7:02

Sample Name Submitted by

: ASD Vial Number 78 AcquisitionMeth: DRUGS.M Integrator : Chemstation

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST08.L

Minimum Quality: 80

C:\Database\PMW TOX2.L

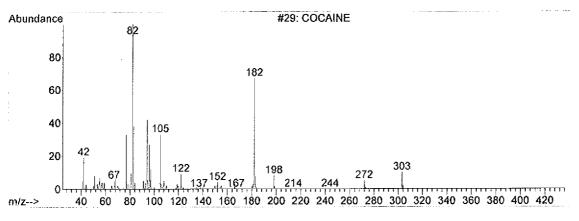
Library/ID CAS# PK# RTQual

4.19 C:\Database\SLI.L 1

COCAINE

000050-36-2 99

Average of 4.126 to 4.286 min.: 758878.D\data.ms (-) Abundance 82 182 80 60 105 40 20 303 214 230 245 60 80 100 120 140 160 180 200 220 240 260 280 300 320 340 360 380 400 420 m/z-->



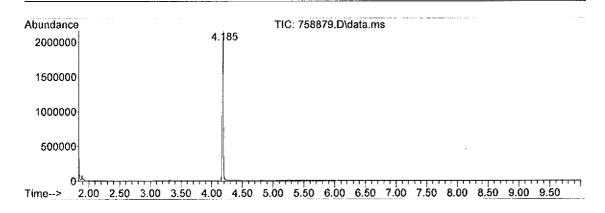
File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758879.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 7:15

Sample Name :

Submitted by : ASD
Vial Number : 79
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %	
4.185	27878756	100.00	100.00	

File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758879.D

Operator : ASD/KAC

Date Acquired 7 Dec 2010 7:15

Sample Name Submitted by ASD 79

Vial Number AcquisitionMeth: DRUGS.M Integrator : Chemstation

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

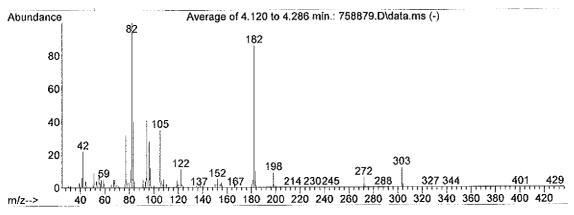
C:\Database\PMW TOX2.L

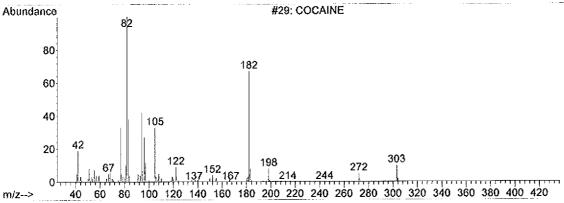
CAS# Oual PK# RTLibrary/ID

C:\Database\SLI.L 4.18

COCAINE

000050-36-2 99



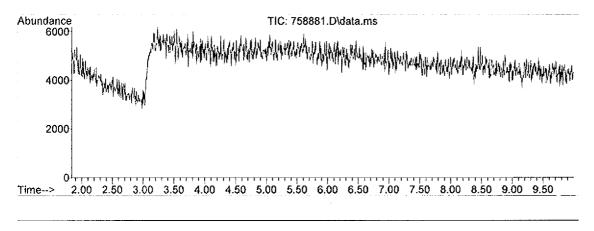


File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758881.D

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 7:41

Sample Name : BLANK
Submitted by : ASD
Vial Number : 2
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

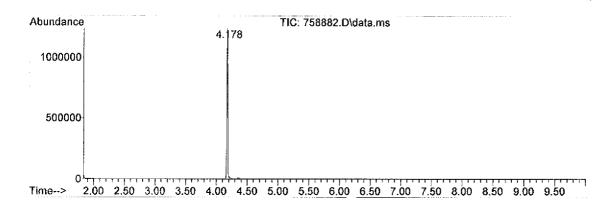
File Name :  $F:\Q4-2010\SYSTEM6\12\_06\_10\758882.D$ 

Operator : ASD/KAC

Date Acquired : 7 Dec 2010 7:55

Sample Name : COCAINE STD

Submitted by : ASD
Vial Number : 41
AcquisitionMeth: DRUGS.M
Integrator : Chemstation



Ret. Time	Area	Area %	Ratio %
4.178	12778271	100.00	100.00

File Name : F:\Q4-2010\SYSTEM6\12\_06\_10\758882.D

Operator : ASD/KAC

Date Acquired 7 Dec 2010 7:55

Sample Name : COCAINE STD

Submitted by : ASD Vial Number 41 AcquisitionMeth: DRUGS.M Integrator : Chemstation

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 Minimum Quality: 80

C:\Database\NIST08.L

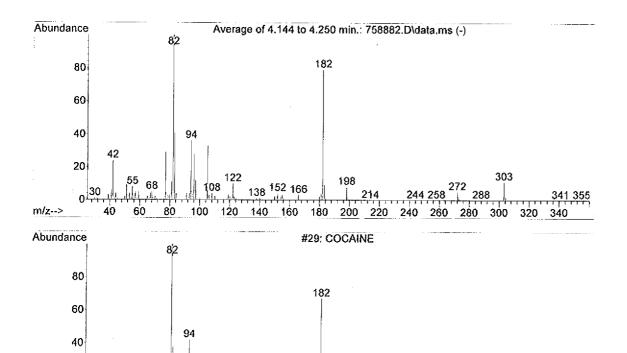
C:\Database\PMW TOX2.L

PK# Library/ID CAS# Qual

1 4.18 C:\Database\SLI.L

COCAINE

000050-36-2 99



42

40

55 68

60

80

100

120

140

20

m/z-->

152 166

160

180 200 220

240

260 280

303

File Name : F:\Q2-2011\SYSTEM 7\05\_20\_11\789043.D

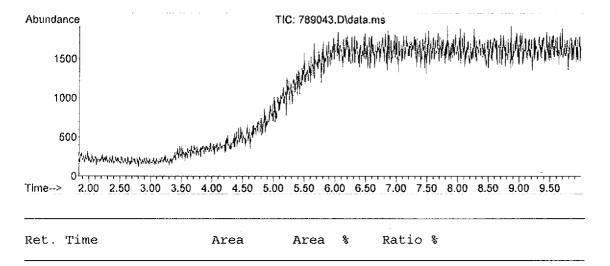
Operator : LAG

Date Acquired : 20 May 2011 19:25

Sample Name : BLANK

Submitted by

Vial Number : 1 AcquisitionMeth: DRUGS.M Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q2-2011\SYSTEM 7\05\_20\_11\789044.D

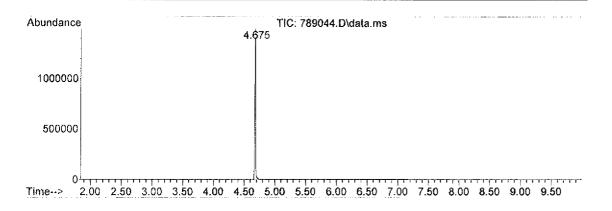
Operator : LAG

Date Acquired : 20 May 2011 19:38

Sample Name : COCAINE STD

Submitted by

Vial Number : 44 AcquisitionMeth: DRUGS.M Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.675	1372931	100.00	100.00

File Name : F:\Q2-2011\SYSTEM 7\05\_20\_11\789044.D

Operator : LAG

Date Acquired : 20 May 2011 19:38

Sample Name : COCAINE STD

Submitted by

Vial Number : 44 AcquisitionMeth: DRUGS.M Integrator : RTE

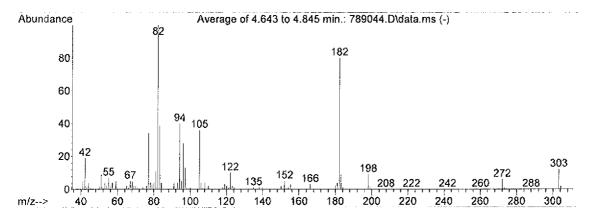
Search Libraries: C:\Database\SLI.L

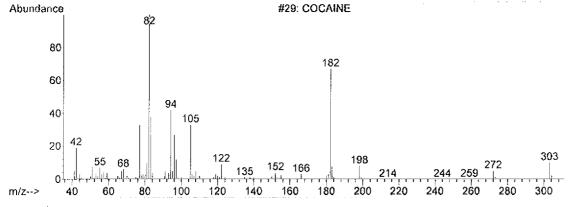
C:\Database\SLI.L Minimum Quality: 80
C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\RISTV3a.L

PK# RT Library/ID CAS# Qual

1 4.68 C:\Database\SLI.L COCAINE 000050-36-2 99



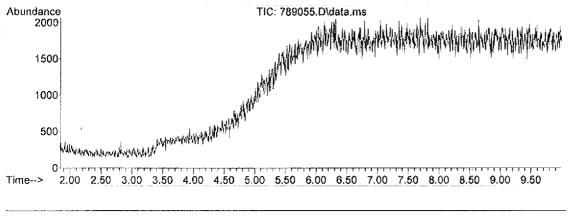


File Name : F:\Q2-2011\SYSTEM 7\05\_20\_11\789055.D

Operator : LAG

Date Acquired : 20 May 2011 21:57

Sample Name : BLANK
Submitted by : ASD
Vial Number : 1
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time

Area

Area %

Ratio %

\*\*\*NO INTEGRATED PEAKS\*\*\*

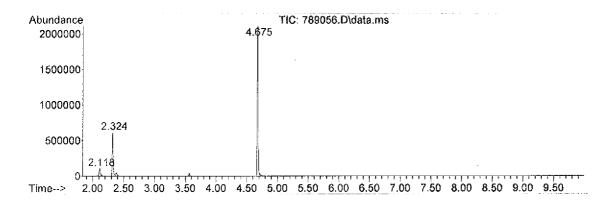
File Name : F:\Q2-2011\SYSTEM 7\05\_20\_11\789056.D

Operator : LAG

Date Acquired : 20 May 2011 22:09

Sample Name : Submitted by : ASD

Vial Number : 56
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %	
2.118	167320	5.47	7.57	
2.324	680710	22.26	30.81	
4.675	2209429	72.26	100.00	

File Name : F:\Q2-2011\SYSTEM 7\05 20 11\789056.D

Operator : LAG

Date Acquired : 20 May 2011 22:09

Sample Name :

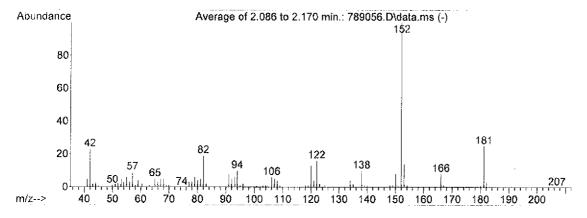
Submitted by : ASD
Vial Number : 56
AcquisitionMeth: DRUGS.M
Integrator : RTE

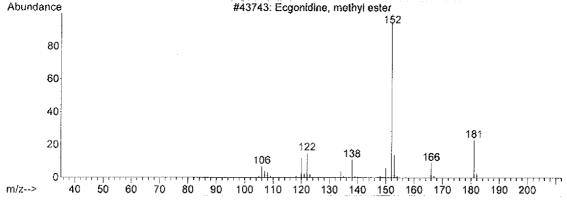
Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L

C:\Database\PMW TOX2.L

PK#	RT	Library/ID	CAS#	Qual
1	2.12	C:\Database\NIST05a.L Ecgonidine, methyl ester 2-Carbomethoxy-8-methyl-8-azabicycl Benzeneethanamine, 3,4-dimethoxy-	127379-24-2 043021-26-7 000120-20-7	98 97 43





Minimum Quality: 80

File Name : F:\Q2-2011\SYSTEM 7\05\_20\_11\789056.D

Operator : LAG

Date Acquired : 20 May 2011 22:09

Sample Name

Submitted by : ASD Vial Number 56

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80

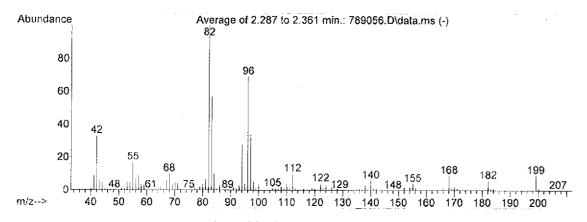
106293-60-1

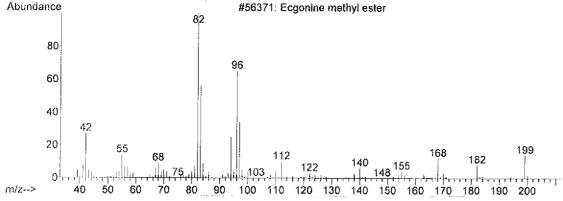
C:\Database\NIST05a.L C:\Database\PMW TOX2.L

Ecgonine methyl ester

Minimum Quality: 80

PK#	RT	Library/ID	CAS#	Qual
2	2.32	C:\Database\NIST05a.L		
		Ecgonine methyl ester	106293-60-1	98
		Pseudoecgonine methyl ester	099189-88-5	97





File Name : F:\Q2-2011\SYSTEM 7\05 20 11\789056.D

Operator : LAG

: 20 May 2011 22:09 Date Acquired

Sample Name

Submitted by ASD Vial Number 56

AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L

Minimum Quality: 80 C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW TOX2.L

PK# RTLibrary/ID CAS# Qual

3 4.68 C:\Database\SLI.L

COCAINE

000050-36-2

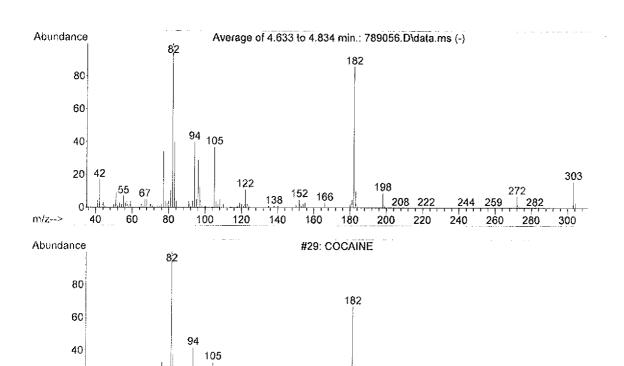
99

303

300

272 259

260



152 166

160

180

198

200

m/z-->

42 20

40

55 68

60

80

100

122

120

140

240

File Name : F:\Q2-2011\SYSTEM 7\05 20 11\789068.D

Operator : LAG

Date Acquired : 21 May 2011 00:41

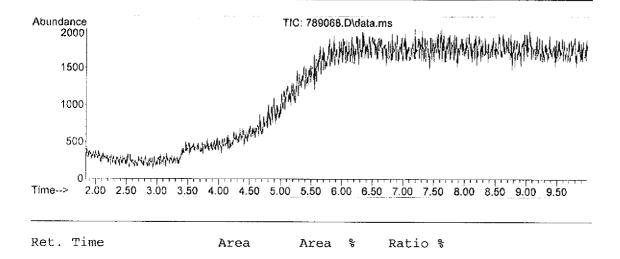
Sample Name : BLANK

Submitted by :

Vial Number : 2

AcquisitionMeth: DRUGS.M

Integrator : RTE



\*\*\*NO INTEGRATED PEAKS\*\*\*

File Name : F:\Q2-2011\SYSTEM 7\05\_20\_11\789069.D

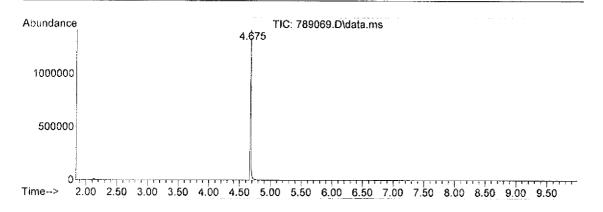
Operator : LAG

Date Acquired : 21 May 2011 00:54

Sample Name : COCAINE STD

Submitted by :

Vial Number : 44
AcquisitionMeth: DRUGS.M
Integrator : RTE



Ret. Time	Area	Area %	Ratio %
4.675	1310914	100.00	100.00

File Name : F:\Q2-2011\SYSTEM 7\05 20 11\789069.D

Operator : LAG

Date Acquired : 21 May 2011 00:54

Sample Name : COCAINE STD

Submitted by

Vial Number : 44 AcquisitionMeth: DRUGS.M Integrator : RTE

Search Libraries: C:\Database\SLI.L Minimum Quality: 80

C:\Database\NIST05a.L Minimum Quality: 80

C:\Database\PMW TOX2,L

PK# RT Library/ID CAS# Qual

1 4.68 C:\Database\SLI.L

COCAINE 000050-36-2 99

